



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090388

Mode: Highway

Status: Submitted

US-301 (Wesleyan Blvd)

From/Cross Street: NC 43/48 (Benvenue Road)

Specific Improvement Type: 4 - Upgrade Arterial to Superstreet

To: SR 1836 (May Drive)

Project Category: Regional Impact

Length: 1.97

TIP#: U-3330

Fully Funded in Draft STIP? No

Cost to NCDOT: \$32,650,000

Description:

Add Additional Lanes

Division(s): Division 4

County(s): NASH

MPOS(s)/RPO(s): Rocky Mount Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 57.76

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (15%) 71.51 Safety (15%) 91.52 Lane Width (10%) 0.00 [Paved] Shoulder Width (10%) 25.00 [Travel Time] Benefit/Cost (20%) 4.01	Percent: 15% Points: 100	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 27.76		

Division Needs Total Score: 19.2

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 71.51 Safety (10%) 91.52 Lane Width (10%) 0.00 [Paved] Shoulder Width (10%) 25.00 [Travel Time] Benefit/Cost (10%) 4.01	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 19.2		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1.97
Facility Type:	Arterial
Access Control:	Limited
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	31189.35
Capacity:	31700
Volume/Capacity Ratio:	0.98
% Autos:	96%
% Trucks:	4%
Truck Volume:	1217.09
Crash Density:	99.8
Crash Severity:	75
Critical Crash Rate:	99.8
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	14
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	79
Actual Congested Speed:	32.5
Travel Time Index:	1.39

Project Benefits

Project Cross-Section:	6A - 6 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	45
Length (miles):	1.97
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	5850504.21
Travel Time Savings for 30 Years (Autos):	5622202.3
Travel Time Savings for 30 Years (Trucks):	228301.91
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 4	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Rocky Mount Urban Area MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$21,900,000	TIP Unit
Right-of-Way Cost:	\$7,125,000	TIP Unit
Utilities Cost:	\$3,625,000	TIP Unit
Total Project Cost:	\$32,650,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$32,650,000	